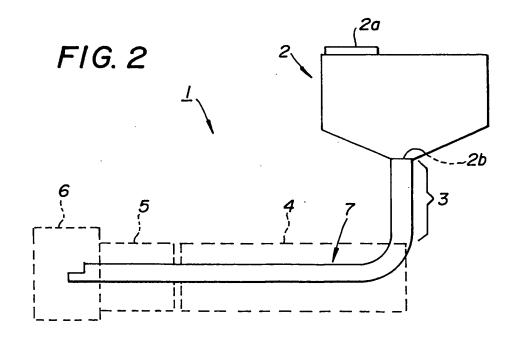
APPLN. FILING DATE: NOVEMBER 20, 2001

TITLE: ELECTRONIC COMPONENT CHIP FEEDER APPLICATION METHOD OF ELECTRONIC DEVINORISM: KIYOYUKI NAKAGAWA ET AL.

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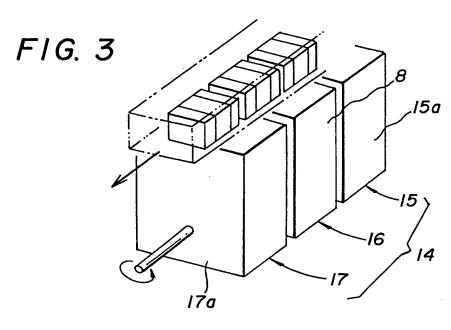
FIG. 1A FIG. 1B 13 130 8a 13a -13b *1B* 0 8 7a 9 -// *1B* 10 '10a 12

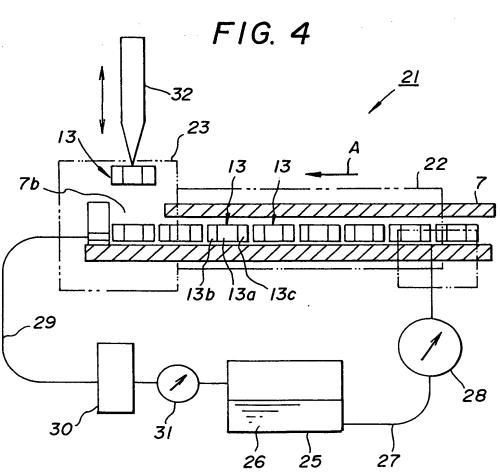


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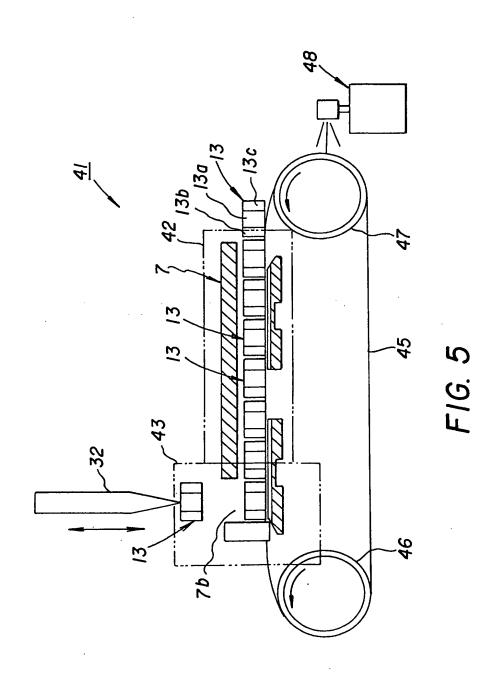
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APPLICATION SERIAL NO: 018976-210

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TIPLE: ELECTRONIC COMPONENT CHIP FEEDER AND IFACTURING METHOD OF ELECTRONIC DEVICE IN LENTOR(S): KIYOYUKI NAKAGAWA ET AL.
APPLICATION SERIAL NO: 018976-210
SHEET 3 of 5



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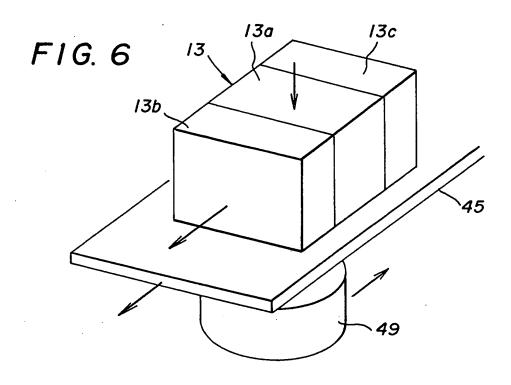
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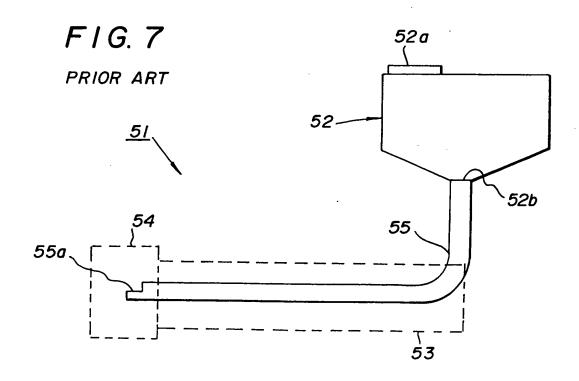
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IN ENTOR(S): KIYOYUKI NAKAGAWA ET AL.

APPLICATION SERIAL NO: 018976-210

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APPLN. FILING DATE: NOVEMBER 20, 2001

TYPE: ELECTRONIC COMPONENT CHIP FEEDER AND FACTURING METHOD OF ELECTRONIC DEVICE IN TOR(S): KIYOYUKI NAKAGAWA ET AL.

APPLICATION SERIAL NO: 018976-210 SHEET 5 of 5

